Agentic AI Resources
AI Week in Review: Public Sector | Chris Kraft

Here are some resources that may help you leverage AI agents in the public (and private) sector.

Training Courses:
- DeepLearning.AI
    - AI Agents in LangGraph (~1.5 hrs)
    - AI Agentic Design Patterns with AutoGen (~1.5 hrs)
    - Multi AI Agent Systems with crewAI (~2.75 hrs)
    - LLMs as Operating Systems: Agent Memory (Letta) (~1.5 hrs)
    - Long-Term Agentic Memory with LangGraph (~1 hr)
    - Evaluating AI Agents (Arize) (~2.25 hrs)
    - Event-Driven Agentic Document Workflows (LlamaIndex) (~1 hr)
    - Building Towards Computer Use with Anthropic (~1.5 hrs)
    - Building Your Own Database Agent (Microsoft) (~1 hr)
    - Building Agentic RAG with LlamaIndex (~1 hr)
    - Practical Multi AI Agents and Advanced Use Cases with crewAI (~2.5 hrs)

- Hugging Face
    - AI Agents Course (syllabus)

- UC Berkeley
    - CS294/194-196 (FY24) Large Language Model Agents - Syllabus and Lectures
    - CS294/194-196 (FY25) Large Language Model Agents - register here

- LangChain
    - Intro to LangGraph (6 hrs)

- Microsoft
    - AI Agents for Beginners

- Stanford
    - Webinar - Agentic AI: A Progression of Language Model Usage (~1 hr)

- Google (Kaggle)
    - 5-Day Gen AI Intensive Course with Google

- Singapore
    - Agentic AI Primer

Videos:
- What's next for Ai agentic workflows with Andrew Ng of AI Fund
- AI Agents & the Future of Work with LangChain's Harrison Chase

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- [LangChain Reflection Agents](#)
- [LangGraph Template: Multi-Agent RAG Research](#)
- [Intro to AI Agents](#) (Allie Miller)

Frameworks:
- [LangGrahph](#) (LangChain)
- [CrewAI](#)
- [AutoGen](#) (Microsoft)
- [LlamaIndex](#)
- [Model Context Protocol](#) (MCP/Anthropic)
- [Arize](#) (evaluation)
- [Langfuse](#) (evaluation)

Use Cases:
- [AI Travel Agent](#) (LangGraph)
- [Financial Agentic System](#) (LangGraph)
- [Arxiv Agent](#) (LlamaIndex/Mistral)
- [Patient Case Summaries](#) (LlamaIndex)
- [Report mAIstro: Multi-agent research and report writing](#) (LangChain)
- [Contract Review](#) (LlamaIndex)
- [Agentic AI: 6 promising use cases for business](#) (CIO.com)

Repos:
- [Awesome AI agents](#)
- [OpenAI Agents SDK](#)
- [LLM Agents 101](#)
- [GenAI Agent Repository](#)

Papers:
- [A Taxonomy of AgentOps](#)
- [Security of AI Agents](#)
- [Generative Agent Simulations of 1,000 People](#)
- [WebArena: A Realistic Web Environment for Building Autonomous Agents](#)
- [Agent Laboratory: Using LLM Agents as Research Assistants](#)
- [TheAgentCompany: Benchmarking LLM Agents on Consequential Real World Tasks](#)

Other:
- DeepLearning.AI Agentic Design Patterns
  - [Agentic Design Patterns Part 1, Overview](#)
  - [Agentic Design Patterns Part 2, Reflection](#)
  - [Agentic Design Patterns Part 3, Tool Use](#)
  - [Agentic Design Patterns Part 4, Planning](#)
  - [Agentic Design Patterns Part 5, Multi-Agent Collaboration](#)

- Google
  - AI Agents
  - Agents Companion

- McKinsey
  - Why AI agents are the next frontier
  - What is an AI agent?

- State of AI Agents (LangChain)
- Agentic AI: 4 reasons why it's the next big thing in AI research (IBM)
- What is Agentic AI (NVIDIA)
- Autonomous generative AI agents: Under development (Deloitte)
- What is Agentic AI and how will it change work? (Harvard)
- The Next "Next Big Thing": Agentic AI's Opportunities and Risks (UC Berkeley)
- How AI agents will take GenAI tech from answers to actions (EY)
- What are AI agents (Salesforce)
- The Dawn of the Age of Agents (Forrester)
- Building effective agents (Anthropic)
- Citi Agentic AI, Finance & the 'Do It For Me' Economy (CitiGroup)
- Agentic AI in Government Administration (GovTech)